

INFORMATION TECHNOLOGY

High School to College and Career Pathways

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Information Technology (IT) Education prepares students for employment and/or continuing education opportunities in the growing field of information technology in partnership with industry.

PROGRAMMING/SOFTWARE DEVELOPMENT:

Workforce Trends

Demand for programmers to help organizations keep up with changing technology will continue. Prospects should be best for college graduates with knowledge of various programming languages and tools; those with less formal education or work experience should face keen competition.

Get the Facts

Programmers represent the largest size group of IT workers. A total of 22,000 average annual job openings are expected for computer programmers through the year 2010.

Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

Sample Occupations

- > Computer Programmer
- > Computer Systems Analyst
- > Game Programmer
- > Software Engineer

For more information on salary projections, labor market demand, and training options, visit www.careers.utah.gov.



Utah State Office of Education
250 East 500 South/P.O. Box 144200
Salt Lake City, UT 84114-4200

utahcte.org

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Post-Secondary Connection

Talk to your teacher and/or school counselor for the classes in this pathway that connect to college. Many Utah colleges/universities accept high school courses toward a two- or four- year degree through concurrent enrollment – saving you time and money.

NOTES: _____



Career and Technical Education

Giving Students the Edge

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